



SEQUENCE LISTING

<110> Variation Biotechnologies Inc.

<120> IMMUNOGENIC FORMULATION AND PROCESS FOR PREPARATION THEREOF

<130> PAT 568A-2

<140> US 10/072,084

<141> 2002-02-08

<150> US 09/414,484

<151> 1999-10-08

<150> US 60/103,642

<151> 1998-10-09

<160> 16

<170> PatentIn version 3.0

<210> 1

<211> 21

<212> PRT

<213> Human immunodeficiency virus type 1

<400> 1

Cys Thr Asp Leu Lys Asn Ala Thr Asn Thr Asn Ser Ser Ser Ser Arg
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Met Met Met Glu Lys
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<210> 2

<211> 21

<212> PRT

<213> Human immunodeficiency virus type 1

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Phe Tyr Lys Leu Asp Ile Val Pro Ile Asp Asn Thr Thr Ser Ser Tyr
1 5 10 15
Arg Leu Ile Asn Cys
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<210> 3

<211> 21

<212> PRT

<213> Human immunodeficiency virus type 1

<400> 3

Thr Ser Lys Ser Ile His Ile Gly Pro Gly Arg Ala Phe Tyr Thr Thr
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Gly Asp Ile Gly Asp
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<210> 4
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 <212> PRT
 <213> Human immunodeficiency virus type 1

<400> 4
 Phe Asn Ser Thr Trp Phe Asn Ser Thr Trp Ser Thr Glu Gly Ser Asn
 1 5 10 15
 Asn Thr Glu Gly Ser
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<210> 5
 <211> 20
 <212> PRT
 <213> Human immunodeficiency virus type 1

<400> 5
 Thr Arg Asp Gly Gly Asn Asn Asn Asn Glu Thr Glu Ile Phe Arg Pro
 1 5 10 15
 Gly Gly Gly Asp
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<210> 6
 <211> 24
 <212> PRT
 <213> Hepatitis C virus

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 Ala Thr Thr Tyr Val Thr Gly Gly Ala Ala Ala Arg Ala Thr Ala Gly
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 Leu Ala Ser Leu Phe Ser Pro Gly
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<210> 7
 <211> 14
 <212> PRT
 <213> Hepatitis C virus

<400> 7
 Ile Ser Tyr Ala Asn Gly Ser Gly Pro Asp Gln Arg Pro Tyr
 1 5 10

<210> 8
 <211> 21
 <212> PRT
 <213> Influenza A virus

<400> 8
 Glu Thr Gly Lys Arg Gly Gly Lys Ser Ser Gly Ser Ser Tyr Pro Val
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 Leu Asn Val Ser Tyr
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<210> 9
 <211> 21
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 <213> Influenza A virus

<400> 9
 Lys Lys Gly Ser Val His His Pro Ser Thr Ile Thr Glu Gln Thr Ser
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 Leu Tyr Val Asn Ala
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<210> 10
 <211> 21
 <212> PRT
 <213> Influenza A virus

<400> 10
 Asn Gly Leu Phe Ser Lys Glu Ser Pro Asn Asn Lys Asn Lys Asp Pro
 1 5 10 15
 Ile Asp Thr Cys Asp
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<210> 11
 <211> 21
 <212> PRT
 <213> Influenza A virus

<400> 11
 Tyr Val Ser Val Ser Ser Ser Arg Ile Ala Ser Arg Pro Lys Val Arg
 1 5 10 15
 Gly Gln Gly Asp Thr
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<210> 12
 <211> 28
 <212> PRT
 <213> Human immunodeficiency virus type 1

<400> 12
 Cys Thr Asn Val Asn Thr Asn Asn Thr Thr Asn Thr Thr Ser Ser Ser
 1 5 10 15
 Gly Gly Thr Met Glu Lys Gly Glu Met Lys Asn Cys
 20 25

<210> 13
 <211> 30
 <212> PRT
 <213> Human immunodeficiency virus type 1

<400> 13
 Met Thr Thr Glu Leu Arg Asp Lys Lys Gln Lys Glu Tyr Ala Leu Phe
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 Tyr Arg Leu Asp Val Val Pro Ile Asp Asn Asn Ser Thr Ser
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<210> 14
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 <212> PRT
 <213> Human immunodeficiency virus type 1

<400> 14
Arg Lys Ser Ile Arg Ile Gly Pro Gly Gln Ala Phe Tyr Ala Thr Gly
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Asp Ile Ile Gly Asp Ile Arg Gln Ala His Cys
20 25

<210> 15
<211> 24
<212> PRT
<213> Human immunodeficiency virus type 1

<400> 15
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1 5 10 15
Asn Asn Thr Glu Gly Ser Asp Thr
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<210> 16
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<400> 16
Gly Asn Asn Asn Ser Ser Asn Glu Ile Phe Arg Pro Gly Gly
1 5 10 15